

ABSTRACT OF THE DISCLOSURE

A porous media support plate module may be used to construct a new filter underdrain or to rehabilitate an existing filter underdrain. A porous plate replacement module may be inserted between two existing cell dividers to replace a damaged porous media support plate, which may be allowing media leakage. The design of the replacement module provides an improved plenum structure, which enhances the backwash process and reduces the drawbacks of applying adhesives in varying weather conditions. In an alternative design, a module may be provided to enhance the backwash process of existing cells.

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